

PROJECT DESCRIPTION  
GENERAL

THIS PORTION OF THE PROJECT INVOLVES A MODIFICATION TO THE TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF MD 650 (NEW HAMPSHIRE AVENUE) AND MAHAN ROAD/ SCHINDLER DRIVE IN MONTGOMERY COUNTY.

INTERSECTION OPERATION

THE EXISTING SYSTEM CONTROLLER HOUSED IN A BASE MOUNTED CABINET SHALL UTILIZED AT THIS LOCATION. THE INTERSECTION WILL OPERATE IN A FULLY ACTUATED MODE USING 6 NEMA PHASES.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE:

PROJECT CONTACTS:

MR. LEE STRAKLOFF, ASSISTANT DISTRICT ENGINEER-TRAFFIC  
PHONE: (301) 513-7300  
MR. RALEIGH MEDLEY, ASSISTANT DISTRICT ENGINEER-MAINTENANCE (WAYNE MOWDY)  
PHONE: (301) 513-7300  
MR. AUGIE REBISH, ASSISTANT DISTRICT ENGINEER-UTILITY  
PHONE: (310) 513-7300  
MR. RICHARD L. DAFF, Sr., CHIEF TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630  
MR. BOBBY GONZALES, TRAFFIC ENGINEER MCDPWT  
PHONE: (240) 777-8761  
MR. DENNIS McMAHON, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
PHONE: (301) 513-7336

2. MAINTENANCE OF TRAFFIC SHOULD BE HANDLED BY THE CONTRACTOR USING MDSHA STANDARD PLATES FOR TRAFFIC CONTROL.

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.  
NONE

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
114275	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKING -ANY WIDTH	LF	250
585620	12" WHITE HEAT APPL. THERMO. PAVEMENT MARK	LF	420
585624	24" WHITE HEAT APPL. THERMO. PAVEMENT MARK	LF	90
806436	3 INCH SCHEDULE 80 RIGID PVC GDDUIT TRENCHED	LF	70
818041	STEEL POLE WITH A SINGLE 60 FOOT MAST ARM	EA	1
818052	STEEL POLE WITH A SINGLE 70 FOOT MAST ARM	EA	1
832020	NO. 6 AWC STRANDED BARE COPPER GROUND WIRE	LF	100
837001	GROUND ROD	EA	2
860278	12 RED SIGNAL HEAD SECTION POLE MOUNT	EA	4
860292	CUT, CAP CLEAN AND GALVENIZE TRAFFIC SIGNAL STRUCTURE	EA	1
861105	2 COND., NO. 14 AWC ELECT. CABLE	LF	325
861106	3 COND., NO. 14 AWC ELECT. CABLE	LF	325
865001	PUSHBUTTON AND SIGN	EA	2
800000	REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT	LS	1

NOTE: MAST ARMS FOR ITEMS 818041 AND 818052 TO BE INSTALLED IN THE ULTIMATE PHASE, SEE SHEET SG 04.

C. MATERIALS TO BE REMOVED BY THE CONTRACTOR.

SHA FORCES SHALL REMOVE THE CONTROLLER AND ALL AUXILLIARY EQUIPMENT FROM THE CONTROLLER CABINET. THE CABINET AND ALL OTHER MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME THE PROPERTY OF THE CONTRACTOR.

NONE

WIRING DIAGRAM

NO CHANGE  
TO WIRING DIAGRAM

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PHASE 1 AND 5	←G←	←G←	R	←G←	←G←	R	R	R	R	R	R	R					DW	DW
1 AND 5 CHANGE TO 1 AND 6, 2 AND 5, OR 2 AND 6																		
PHASE 1 AND 6	←GG←	←GG←	G	R	R	R	R	R	R	R	R	R					DW	DW
1 AND 6 CHANGE	←YG←	←YG←	Y	R	R	R	R	R	R	R	R	R					DW	DW
PHASE 2 AND 5	R	R	R	←GG←	←GG←	G	R	R	R	R	R	R	B	B	R	R	DW	DW
2 AND 5 CHANGE	R	R	R	←VG←	←VG←	Y	R	R	R	R	R	R	A	A	E	E	DW	DW
PHASE 2 AND 6	G	G	G	G	G	G	R	R	R	R	R	R	G	G	M	M	DW	DW
2 AND 6 CHANGE	Y	Y	Y	Y	Y	Y	R	R	R	R	R	R	G	G	O	O	DW	DW
PHASE 3	R	R	R	R	R	R	←G←	←G←	G	R	R	R	E	E	V	V	DW	DW
3 CHANGE	R	R	R	R	R	R	Y	Y	Y	R	R	R	D	D	E	E	DW	DW
PHASE 4	R	R	R	R	R	R	R	R	R	←G←	←G←	G			D	D	DW	DW
4 CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y					DW	DW
PHASE 4 ALT	R	R	R	R	R	R	R	R	R	←G←	←G←	G					WK	WK
PED CLEARANCE	R	R	R	R	R	R	R	R	R	←G←	←G←	G					FL/DW/FL/DW	
4 ALT CHANGE	R	R	R	R	R	R	R	R	R	Y	Y	Y					DW	DW
FLASHING OPERATION	FLY	FLY	FLY	FLY	FLY	FLY	FLR	FLR	FLR	FLR	FLR	FLR					DARK	DARK

SG 18

MAINTENANCE OF TRAFFIC PLAN - PHASE 2B



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION

Office of Traffic & Safety

TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION PLAN

MD 650 (NEW HAMPSHIRE AVENUE) AND  
MAHAN ROAD /SCHINDLER DRIVE



SABRA, WANG & ASSOCIATES, INC.  
1504 JOH AVENUE  
SUITE 160  
BALTIMORE, MD 21227  
(410) 737-6564  
WWW.SABRA-WANG.COM

DRAWN BY: S. SMITH

CHECKED BY: K. RINKER

SCALE:

DATE:

F.A.P. NO.

S.H.A. NO.

COUNTY:

LOG MILE:

SEE TITLE SHEET

MD9005171

MONTGOMERY

15065002.04

TS NO.

701 B

T.I.M.S. NO.

E966

SHEET NO.

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